Please include the input files and adjust the directory accordingly to avoid errors while running the script.

Maybe you can try using functions such as str or view for your own use and report what you found from using them. (afterwards comment them to indicate your use but so another used will not get long outputs)

Delete the last line of "summary(cars)" I think it is not related to this assignment.

I really liked the addition of this line of code "file.exists("maize_chr1_increasing.csv")" to check if the script works. And also defining functions for saving your files, well done!

I believe it might be better to delete the columns that are not needed in your analysis such as "cdv_marker_id" and I believe your order is not correct since you did not check the data type for "position" column.
Please also adjust the data type and columns of teosinte data.

I could get the plot but while saving I had the error of :
```
ggsave('./Visualization/SNPs_number.png', create.dir = TRUE)
Saving 7.29 x 4.5 in imageError in f(...) : unused argument (create.dir = TRUE)
```
I believe that create.dir is not a valid argument for ggsave function so you can remove it.

Maybe you can try to add comments to your functions to make them more readable.
You can also try cleaning your script and delete commands that are not used, such as the definition of Rmarkdown (at the end of your script), cars function, and also clean your script for plotting to have only 3 requested plots and add some explanations.

Thank you!